

# Sediment Management Efforts in the GCR AOC

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# Settled GCR Natural Resources Damage Claims

- Natural Resource Trustees: USFWS, IDNR, IDEM
- ~\$60M in natural resources damage settlements
- Trustees have many options under the regulations for spending these funds to compensate the public
- Trustees partnered with US EPA under Great Lakes Legacy Act as non-federal sponsors
- Allowed the state agencies to get much more accomplished with NRD settlement funds





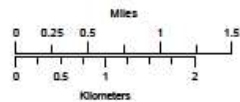
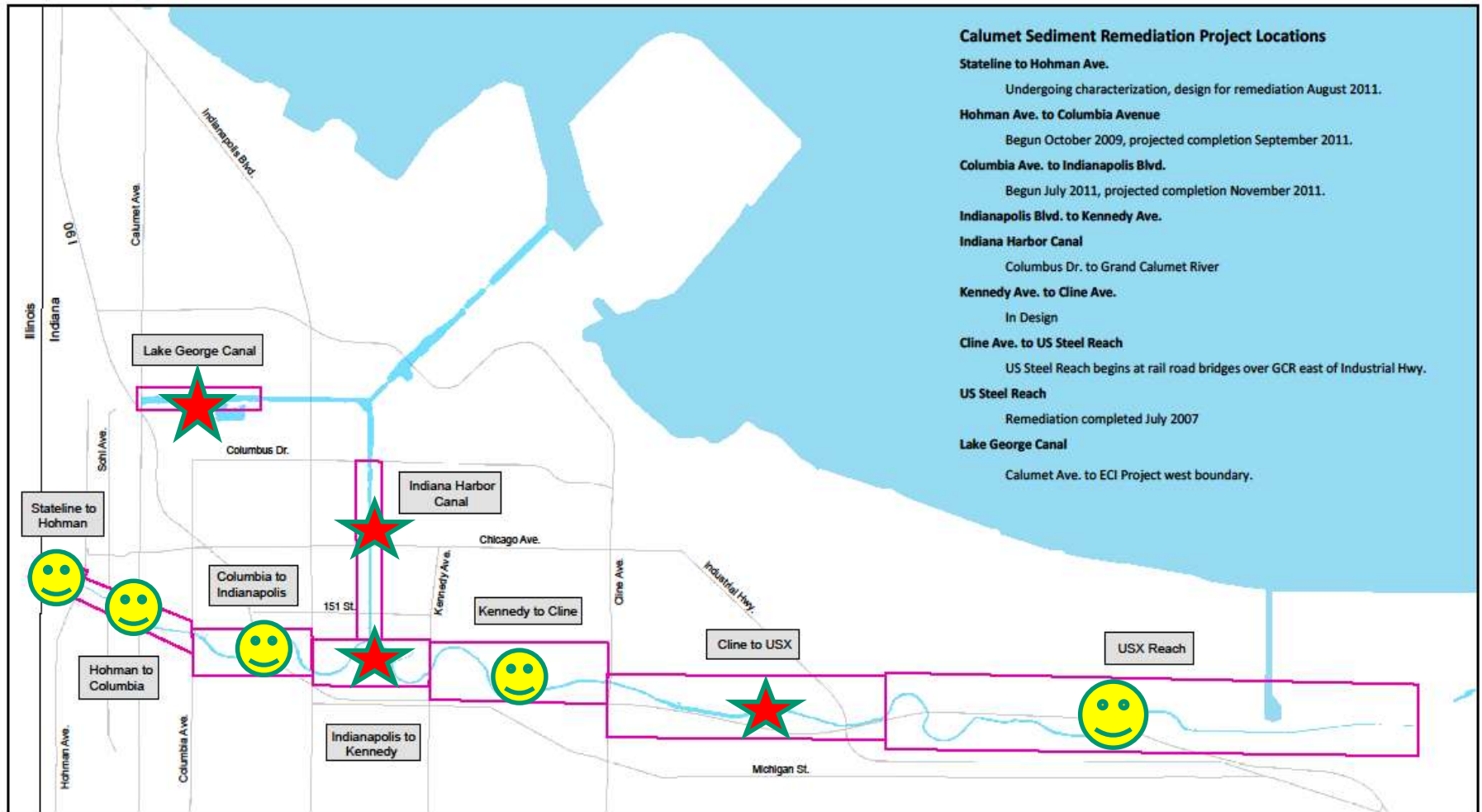
# Completed GCR Great Lakes Legacy Act Projects

- WBGCR Reaches 3, 4, and 5 (2008-2010)
  - Source control, removal of CSOs from Johnson and Sohl Avenues
  - Remediation of contaminated sediments
- WBGCR Reaches 1 and 2; Roxana Marsh (2009-2012)
  - Remediation of 1.3 river miles and over 25 acres of riverine wetlands
- EBGCR-Kennedy to Cline Avenues (2011-2016)
  - 1.8- mile stretch
  - Dredge, restore, cap portions of the river and wetlands
- Reaches 6 and 7-Stateline Project (2011-2016)
  - Remediation of contaminated sediments in the river
- ~\$180M in remediation and restoration thru GLLA & Partners

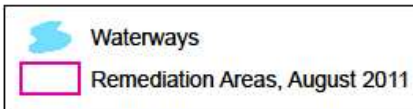




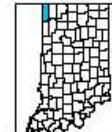
# Calumet Waterways Local Sediment Remediation Areas



Map Extent



County Location



Revised May 2011 by: IDNR, Office of Land Quality, Science Services  
Map Preparation: IDNR, Office of Land Quality, Science Services  
Map Projection: UTM Zone 18N  
Map Scale: 1:50,000  
Disclaimer: This map is intended to provide an aerial graphic  
illustration only. This information is not intended for planning or  
other purposes.



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# GCR Junction, Harbor Canal (non-nav) and Lake George Branch

- Non-Federal Sponsors:
  - East Chicago Waterway Management District
  - BP/AR
- Interagency Agreement – USEPA/USACE
- Construction start: 2019





# East Branch Phase 2

- EPA & Gary Sanitary District sign PA – Dec 2013
- Focused Feasibility Study completed – Apr 2015
- GSD submits Legacy Act Project Application for Remedial Design (RD) – May 2017
  - EBGCR contaminated sediments & closure of Ralston Street Lagoon combined project



- Identify additional partners to move project into Remedial Action & meet cost share requirements

IDEM



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# IHC PCB Remediation Feasibility Study

- FS to review options for remediating PCB contaminated sediments in the federal navigation channel
- State natural resource co-trustees and Areclor-Mittal signed PA for FS on Sept 21<sup>st</sup>
  - AM funds are from SEP monies for dredging
  - EPA will hire contractor for FS and possible design work

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# It's all about the Partnerships



The Hammond  
Port Authority



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# Questions?

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